

ABSTRACT

A switch assembly including a switch (e.g., an electronic switch) and a controller connected to the switch to control the switch. The switch assembly can also include a power supply connectable to a power source and connected to the controller. The power supply is configured to receive power from the power source and controllably power the controller. The switch assembly can also include a generator and decision logic. The switch assembly can be used in an electric machine (e.g., a motor).

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